

Applicant: Ching-Huang Lin
Application No.: 10/750,137

Amendments to the Claims:

1. (Currently amended) A flat lighting structure, comprising:
a light guide plate having a side;
a light guide stick having two ends and disposed by said side of said light guide plate; and
a first luminary and a second luminary disposed at two ends of said light guide stick for providing a light; and
a refracting layer formed between said light guide stick and said light guide plate for changing a transmitting direction of said light,
wherein said light guide stick further comprises a light guide concave disposed between said first luminary and said second luminary for guiding said light toward said light guide plate through said refracting layer.
2. (Original) The flat lighting structure according to claim 1, wherein said side is a thicker side of said light guide plate.
3. (Original) The flat lighting structure according to claim 1, wherein said light guide plate further comprises a bottom incline having plural diffusing spots for guiding said light to emit normally from said light guide plate, wherein said

Applicant: Ching-Huang Lin
Application No.: 10/750,137

diffusing spots are ones selected from a group consisting of a dot matrix structure, a V-cut notch structure and a mixture thereof.

4. (Original) The flat lighting structure according to claim 1, wherein said first luminary and said second luminary are light emitting diodes.
5. (Original) The flat lighting structure according to claim 1, wherein said light guide concave is one selected from a group consisting of an incline, a curved surface and a mixture thereof.
6. (Original) The flat lighting structure according to claim 1, wherein said light guide concave further comprises a reflecting layer for reflecting said light.
7. (Original) The flat lighting structure according to claim 1, wherein said light guide concave is symmetrical with respect to said first luminary and said second luminary for guiding said light in a specific path, wherein said first luminary and said second luminary are of the same type.
8. (Original) The flat lighting structure according to claim 1, wherein said first luminary and said second luminary are of different types.

Applicant: Ching-Huang Lin
Application No.: 10/750,137

9. (Original) The flat lighting structure according to claim 1, wherein said light guide concave is asymmetric with respect to said first luminary and said second luminary for guiding said light in a specific path.

10. (Original) The flat lighting structure according to claim 1, wherein said light guide stick further comprising a reflecting layer for reflecting said light.

11. (Currently amended) A flat lighting structure comprising:

a light guide plate having a light guide concave formed on a side thereof; and
a first luminary and a second luminary disposed at two ends of said side of said light guide plate for providing a light; and
a refracting layer formed in front of said light guide concave for changing a transmitting direction of said light,

wherein said ~~light guide plate further comprises a~~ light guide concave is disposed between said first luminary and said second luminary for guiding said light toward said light guide plate through said refracting layer.

12. (Original) The flat lighting structure according to claim 11, wherein said side is a thicker side of said light guide plate.

Applicant: Ching-Huang Lin
Application No.: 10/750,137

13. (Original) The flat lighting structure according to claim 11, wherein said light guide plate further comprises a bottom incline having plural diffusing spots for guiding said light to emit normally from said light guide plate, wherein said diffusing spots are ones selected from a group consisting of a dot matrix structure, a V-cut notch structure and a mixture thereof.

14. (Original) The flat lighting structure according to claim 11, wherein said first luminary and said second luminary are light emitting diodes.

15. (Original) The flat lighting structure according to claim 11, wherein said light guide concave is one selected from a group consisting of an incline, a curved surface and a mixture thereof.

16. (Original) The flat lighting structure according to claim 11, wherein said light guide concave further comprises a reflecting layer for reflecting said light.

17. (Cancelled)

Applicant: Ching-Huang Lin
Application No.: 10/750,137

18. (Currently amended) The flat lighting structure according to claim ~~17~~ 11, wherein said refracting layer includes a cavity on said light guide plate.

19. (Original) The flat lighting structure according to claim 18, wherein said cavity is filled with a refractable material.

20. (Original) The flat lighting structure according to claim 11, wherein said light guide concave is symmetrical with respect to said first luminary and said second luminary for guiding said light in a specific path, wherein said first luminary and said second luminary are of the same type.

21. (Original) The flat lighting structure according to claim 11, wherein said first luminary and said second luminary are of different types.

22. (Original) The flat lighting structure according to claim 21, wherein said light guide concave is asymmetric with respect to said first luminary and said second luminary for guiding said light in a specific path.